

Title (en)

HIGH DYNAMIC RANGE PROJECTION SYSTEM, METHOD TO OPERATE A HIGH DYNAMIC RANGE PROJECTION SYSTEM AND COMPUTER READABLE MEDIUM

Title (de)

PROJEKTIONSSYSTEM MIT HOHEM DYNAMIKUMFANG, VERFAHREN ZUM BETRIEB EINES PROJEKTIONSSYSTEMS MIT HOHEM DYNAMIKUMFANG UND COMPUTERLESBARES MEDIUM

Title (fr)

SYSTÈME DE PROJECTION À GRANDE GAMME DYNAMIQUE, PROCÉDÉ POUR LE FAIRE FONCTIONNER ET SUPPORT LISIBLE PAR ORDINATEUR

Publication

EP 2425630 A1 20120307 (EN)

Application

EP 10716985 A 20100429

Priority

- US 2010032912 W 20100429
- US 17431509 P 20090430

Abstract (en)

[origin: WO2010127076A1] Embodiments relate generally to computer-based image processing, and more particularly, to systems, computer-readable media, methods, integrated circuits, and apparatuses to facilitate operation of a projection system with relatively high dynamic range output by, among other things, providing subsets of light patterns along an optical path during respective first and second temporal fields associated with respective first and second illuminants. The projection system can synthesize color for projectable images by combining or otherwise using the subsets of light patterns with an array of color elements to produce projectable images with color in at least the visible spectrum.

IPC 8 full level

H04N 9/31 (2006.01)

CPC (source: EP KR US)

H04N 9/31 (2013.01 - KR); **H04N 9/3117** (2013.01 - EP US); **H04N 9/3126** (2013.01 - EP US); **H04N 9/3197** (2013.01 - US); **G02F 1/133524** (2013.01 - US); **G02F 1/133603** (2013.01 - US); **G02F 1/1347** (2013.01 - US); **G09G 3/346** (2013.01 - EP US); **G09G 3/3611** (2013.01 - EP US); **G09G 2300/023** (2013.01 - EP US)

Citation (search report)

See references of WO 2010127076A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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